



UPDATED: 22 JULY 2005
ENGINEERING CHECKS
AGOR 2 CLASS

"This is a notional checklist based on a common ship class configuration. It is provided as an aid for planning equipment demonstrations. Using the notional checklist and applicable technical documentation (including assessment PMS, ships PMS, EOSS, Tech manuals, and local procedures), ships should develop a tailored demonstration and test checklist for their equipment configuration and submit to the Senior Engineer for review at least 30 days prior to the inspection/trial."

MAIN PROPULSION PRE-UNDERWAY PHASE AGOR 2			
2331		MAIN ENGINE	
Component/Sub-Component		Proposed Procedure	Accepted Procedure
Inspect Engine Sump Level		EOP MEDA	
Inspect Calibration and Indicators		CRL	
Test Blow In Damper		2513 s-1 step a	
Inspect Filters, Gaskets, and Frames		2513/002 M-1	
Inspect Lube Oil Sample		NSTM 262	
Inspect J/W Expansion Tank Level		EOP MEDA	
Inspect Relief Valves		5000/005	
Inspect for Exhaust Leaks		NSTM 233	
Inspect Flange Shields		NSTM 505	
Inspect Zinc Anodes		2331/003 M-1	
Test Prelube Pump		EOP CMDS	
Test Jacket Water High Temp Alarm		2331 A 5 step f	
Test Remote Shutdown		2331 S-2	
Test Local Shutdown		MEDA	
Test Local Pneumatic Start		MEDA	
Test Low Lube Oil Alarm		2331 A-1 step l-n	
Test Low Lube oil Shutdown (High/Low speed)		2331 S-2 step 1d	
Test Overspeed Trip		2331/004 24M-2R	
Inspect Governor and Fuel Linkage for Binding		MEDA	

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2430	STERN TUBE SEALS	
Component/Sub-Component	Proposed Procedure	Accepted Procedure

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2620	LUBE OIL SYSTEMS	
Component/Sub-Component	Proposed Procedure	Accepted Procedure
Test Lube Oil Transfer Pump		
Test MRG Lube Oil Sequencing		
Test MRG Electric Lube Oil Pump		
Test MRG Attached Lube Oil Pump		

Test /Inspect Lube Oil Strainer Baskets and Enclosures		
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2610	FUEL OIL SYSTEMS	
Component/Sub-Component	Proposed Procedure	Accepted Procedure
Purifier		
- Test Purifier operation		
- Inspect Purifier		
Test Transfer Pumps		
Test Fuel Oil Service Tanks for Water		
Test Service Tank Suction Valves		
Test Service Tank Recirc Valves		
Test Quick Closing Valves		

2521	CONTROLS	
Component/Sub-Component	Proposed Procedure	Accepted Procedure
Test EOT Indicator		
Test EOCC Alarms and Indicators		
Test Eng LOSP Alarms and Indicators		
Test Propeller LOSP Alarms and Indicators		
Test EOT Wrong Direction Alarm		
Test Console Self-Checks		

1130	HULL STRUCTURE	
Component/Sub-Component	Proposed Procedure	Accepted Procedure
Inspect Bilges/Angle Irons		
Inspect Deck Plates		
Inspect Equipment Foundations and resilient mounts		
Inspect Paint and Preservation		
Inspect Pipe Brackets/Hangers		
Inspect Lighting		

MAIN PROPULSION UNDERWAY PHASE AGOR 2		
	TEAM ARRIVAL	
Component/Sub-Component	Proposed Procedure	Accepted Procedure
Check applicable equipment for correction of deficiencies.		
Tour space, ensure ready for sea.		

	DEMONSTRATIONS	
Component/Sub-Component	Proposed Procedure	Accepted Procedure
Demonstrate Full Power ahead (1 hour)	PMS/EOSS/POG/9094.1B	
Demonstrate Quick Reversal Astern	POG/Full Power Memo/EOSS	
Demonstrate Quick Reversal Ahead	POG/Full Power Memo/EOSS	
Demonstrate fuel oil purifier (s) operation	EOSS/PMS	
Demonstrate purifier (s)emergency stop capability	EOSS/PMS/Tech manual	